

REMARKS

Claims 69-74 and 76-117 are pending in this application. By this Amendment, claims 69, 90, 102 and 107 are amended and claim 75 is canceled. The amendments merely correct minor informalities and clarify the claims. No new matter is added. Applicants respectfully request reconsideration and prompt allowance of the pending claims in view of at least the following remarks.

The Office Action rejects claim 90 under 35 U.S.C. §112, second paragraph, for failing to particularly point out and distinctly claim the subject matter regarded as the invention. Applicants amend claim 90 to clarify the subject matter of the claim and respectfully request withdrawal of the rejection.

The Office Action rejects claims 69–71, 73–76, 85–88, 90–92, 101, 114, 116 and 117 under 35 U.S.C. §103(a) over U.S. Patent Application Publication No. 2002/0029256 (Zintel) in view of *An Open Service Architecture for Adaptive Personal Mobile Communication*, IEEE 2001 (Kanter). Applicants respectfully traverse the rejection.

Zintel in view of Kanter fail to disclose and would not have rendered obvious a printer comprising "a UPnP command transmitting module that transmits a predetermined command of a UPnP protocol," as recited in claim 69.

The pending Office Action concedes that Zintel fails to teach that a control point is a printer but alleges that Kanter cures Zintel's deficiency (Office Action at page 5). Applicants respectfully assert that Kanter does not.

Rather, Kanter merely discloses that "UPnP relies upon a control point that in principle can be co-located with the resource it represents (e.g., a printer)" (Kanter at page 12, col. 2, ¶2). However, the meaning of co-located in the context of Kanter does not disclose that a device, such as a printer, includes a module that transmits a UPnP protocol. Rather, "co-located," as referred to in Kanter and understood by a skilled artisan, generally refers to a

control point that is located with but not necessarily in the resource, such as a printer. Were Kanter to disclose that the control point is the printer, a skilled artisan would generally look for such recitations as "the control point is the printer" or "the printer functions as the control point." Because Kanter fails to disclose such recitations, and the recitation disclosed above in Kanter does not disclose that a printer is in a control point, Kanter fails to disclose that a control point is a printer. Accordingly, claim 69 is patentable over Kanter in view of Zintel.

Additionally, independent claims 92, 101 and 114 recite similar recitations that require that a printer outputs UPnP commands. For example, claim 92 recites "transmitting link information indicative of a location of data to be output in response to a predetermined command of a UPnP protocol from the printer" (emphasis added), claim 101 recites "transmitting link information indicative of a location of data to be output in response to a predetermined command of a UPnP protocol from the printer" (emphasis added) and claim 114 recites a printer that includes a "UPnP command transmitting module that transmits a predetermined command of a UPnP protocol for requesting said at least one device selected by the selecting module to transmit link information." Based on these recitations requiring a printer that outputs UPnP command protocols, claims 92, 101 and 114 are also patentable over Zintel in view of Kanter for the same reasons as discussed above regarding claim 69.

Dependent claims 70, 71, 73–76, 85–88, 90, 91, 116 and 117 are also patentable over Zintel in view of Kanter for at least the same reasons, as well as for the additional features the dependent claims recite. Applicants respectfully request withdrawal of the rejection.

The Office Action rejects claims 72, 83, 84, 102–106 and 115 under 35 U.S.C. §103(a) over Zintel and Kanter in view of U.S. Patent Application Publication No. 2003/0048470 (Garcia) and rejects claims 107–113 under 35 U.S.C. §103(a) over Zintel in view of Kanter and Garcia and in further view of U.S. Patent No. 6,167,448 (Hemphill).

Independent claim 102 recites "a predetermined command of a UPnP protocol requesting for the link information transmitted from the printer" and independent claim 107 recites "a predetermined command of a UPnP protocol received from the printer." Based on the discussion above regarding Zintel and Kanter failing to disclose a printer that outputs UPnP protocol commands, and because Garcia and Hemphill also do not disclose a printer that outputs UPnP protocol commands, claims 102 and 107 are also patentable for at least the same reasons as claims 69, 92, 101 and 114.

Claims 72, 83, 84, 103–106, 108-113 and 115 are also patentable for at least the same reasons as claims 69, 92, 102, 107 and 114, from which they depend, as well as for the additional features the claims recite. Applicants respectfully request withdrawal of the rejection.

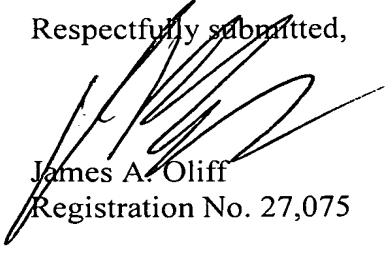
The Office Action rejects claims 77–82, 89 and 93–100 under 35 U.S.C. §103(a) over Zintel and Kanter in view of Hemphill. Applicants respectfully traverse the rejection.

This rejection is based on the allegation that Zintel and Kanter disclose or would have rendered obvious all of the features of claims 69 and 92. Because, as discussed above, Zintel and Kanter do not disclose and would not have rendered obvious all of the features of claims 69 and 92, the rejection is improper. Applicants respectfully request withdrawal of the rejection.

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of the claims are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,


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Attachment:

Petition for Extension of Time

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